

WHAT IS CLAIMED IS:

1 1. A nucleic acid array, wherein each coordinate of the array contains
2 a single nucleic acid species, which nucleic acid species has a sequence of a *Xenopus*
3 embryonic gene product set forth in Appendix 1, or the complement thereof, or a
4 hybridizable fragment thereof consisting of not less than 20 contiguous nucleotides from
5 the sequence.

1 2. The nucleic array of claim 1 comprising all of the sequences from
2 Appendix 1.

1 3. The nucleic acid array of claim 1 wherein the nucleic acids are
2 cDNAs.

1 4. The nucleic acid array of claim 1 wherein the nucleic acids are
2 oligonucleotides.

1 5. The nucleic acid array of claim 1, wherein the array is supported
2 on a solid support selected from the group consisting of a glass slide and a silicon chip.
3

4 6. An isolated nucleic acid comprising a sequence corresponding to
5 or complementary to a sequence of not less than 20 contiguous nucleotides of any one of
6 the sequences of Appendix 1.

1 7. The nucleic acid of claim 6 wherein the sequence consists of the
2 sequence of Appendix 1, or the complement thereof.

